



CPSC203 – Introduction to Problem Solving and Using Application Software

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Tutorial 25, Mehrdad Nurolahzade

Introduction

- Basic spreadsheet design rules.
- Components of a well-designed spreadsheet.

Basic Spreadsheet Design Rules

- Design the spreadsheet on paper first.
- Test and edit your calculations.
- Keep the components of a calculation visible.
- Be aware of the "space" or "geography" of the spreadsheet.

Components of a Well-designed Spreadsheet

- Introduction
- Model and Assumptions
- Data Dictionary
 1. Location
 2. Name
 3. Data Class (Raw Data, Statistical Summary, Calculated Variable, Score, etc.)
 4. Data Type (Integer, Text, Currency, Date, etc.)
 5. Description
- Raw Data
- Calculated Data
- Presentation/Dashboard